DIGITAL ENTRY SYSTEMS

A Complete Product Family For Operating Any Electric Lock

THE DK-26 IN BLACK OR STAINLESS STEEL FINISH
REMOTE CPU IN STURDY STEEL CABINET
DK-16
DK-11 STAND ALONE KEYPAD FEATURES ON-BOARD PROCESSING

OVERVIEW

Securitron digital keypads are all designed for **high volume use** in controlling **entry through electrically locked doors**. They are simple to use, with programming being possible from the keypad itself, and yet include powerful features that solve specific application problems. You can select from two keypad types and also have a choice of CPU boards to yield the right combination of cost and features for the requirements of the job.

All Securitron digital keypads are products of the same philosophy. They are intended not for arming alarm systems but rather for the much more demanding use of electric lock control indoors and outdoors. Ease of installation is designed in and the instruction manual guides you to the precise level of programming needed for the specific application. Unmatched reliability yields years of operation without service calls.

DK-26SS KEYPAD SHOWN AT ACTUAL SIZE

DK-26: HIGHER SECURITY, NARROW DESIGN AND OUTDOOR USE

The DK-26 features a **fully waterproof design** that can mount **directly on a narrow stile** door frame. For higher security, the DK-26 is delivered in two parts. The keypad surface mounts via hidden screws and the CPU board mounts with steel enclosure inside the protected area (16 ft. cable furnished). No matter what a vandal may do to the keypad itself (including severing the cable), the door will not open. The keypad is designed for long life under demanding use. It is constructed from **cast stainless steel** with the switch elements protected under tough EPDM rubber.

The DK-26 operates a **5 Amp DPDT relay** to switch any type of fail-safe or fail-secure electric lock (or strike). Release time is programmable from 1-99 seconds. **A beeper and three LED's** provide feedback during operation and programming. Power for the DK-26 is 12 to 24 volts, AC or DC. Typically the same power source is used to operate the lock which makes planning the installation simplicity itself. You can even **employ an inexpensive AC transformer to operate a DC lock**, as the DK-26 will convert AC to DC and supply it to the lock.

ADVANCED MULTIPLE CODE STRUCTURE

The DK-26 supports a **5-7 digit Program code** which is set initially from a button on the CPU board. Subsequent entry of this code allows programming up to **59 user codes (2-7 digits)**. With multiple user codes, individuals or groups can be given their own code. When it's necessary to change a code because an individual leaves, the other employees do not have to learn a new code. Codes may be individually deleted and replaced.

Finally, a **"hard code"** can be set from the CPU board only. The hard code is employed for lower security single code operation or for **special uses** such as a "masterkey" management code, a duress code or a day/night changeable code. All codes are stored in **non-volatile memory** so they are retained in a power failure.

FEATURES TO SUIT YOUR NEEDS

When you order the DK-26, your only choice is finish: **Satin Stainless or Black.** Everything else is standard, so there's no need to puzzle out the exact version to suit each application. When you need a particular function, it's already there.

You can connect any normally open switch to the CPU board's **REX input** to trigger the timed relay for either an exit switch or remote release button. You can convert the timed relay to alternate action **(toggle mode)** so that when the code is entered, the relay energizes and deenergizes only when a valid code is entered a second time. For superior security, the DK-26 incorporates an **internal alarm function**. When 16 wrong digits are pressed, the beeper sounds for 30 seconds and the keypad is locked out.

The DK-26 also includes an SPDT **programmable relay** whose function is set by inputting a special two digit command. It is factory set as an actual **doorbell.** (When the "Bell" key is pressed, it will energize.) Alternate uses include: Sending a **duress signal** when the Hard code instead of a User code is entered; an **alarm signal** when 16 wrong digits are pressed; a **door prop alarm signal** if the door doesn't reclose within a set time; or a **nightlight function** where the relay operates a lamp (not furnished) when any key is touched. Input terminals allow you to selectively disable the Hard code or all User codes to support different **day/night** access when an external timer is added.

You can purchase **a second pad** and operate two pads with one CPU board for single-door digital entry and exit. Finally, an optional **spy shield** helps prevent someone viewing the code being entered. The DK-26 truly does it all and our confidence in the product is backed by Securitron's MAGNACARE Lifetime Warranty.

EXPANSION BOARD

Do you need an audit trail or more user capacity? Then the DK series expansion board may be the ideal upgrade to your system. **The optional expansion board provides another 60 user codes** (for a total of 119 user codes plus the programming code and a hard code); **serial printer output** for a report for a report on who did what and when, an additional programmable relay to increase the versatility of the system, **plus an on-board real time clock and calendar.** For multiple door installations, **the addition of a buffer box** allows multiple expansion boards to report to a single printer. Simply add an "XB" to the end of the expansion board part number (DK-26SSXB for waterproof narrow stile stainless steel; DK-26BKXB for waterproof narrow stile black; DK-16XB for interior single gang). The expansion board may also be ordered separately (DK-XB) to upgrade an existing unit.

WEIGAND KEYPADS

The rugged and reliable keypads that are the heart of the DK-26, DK-16 and DK-11 series are also available in **versions which output Weigand 2601** data and therefore interface directly with any access control system that accepts this industry standard data protocol. With Securitron's Weigand units, you can easily **add keypad controlled entries** to an existing or newly installed access control system or in many cases you can **combine a keypad with a card reader** to enhance security by requiring authorized individuals to possess both

a card and a PIN code. The Weigand version of the DK-11 (DK-11W) is a one-piece, fully integrated unit. With the DK-26/16 keypad, an external board is used to generate the Weigand data stream and it my be purchased individually or together with the associated pad.

The DK-26SS shown with optional spy shield. Both the keypad and spy shield are available in satin stainless and black finishes.

DK-16: WHERE SINGLE GANG MOUNTING IS PREFERRED

DK-16

For indoor applications which require the power and security of the DK-26, but which are more suited to a single gang plate to mount the keypad, the DK-16 combines the pad of the DK-11 with the separate CPU board of the DK-26. Operation is the same as with the DK-26.

TECHNICAL DATA KEYPADS

DK-26
Dimensions: 1-1/2" x 7" x 1" 38mm x 178mm x 25.4mm
Finish: Satin stainless (DK-26SS) or Black (DK-26BK)
Cable: 16 foot, 12 conductor, 22 gauge
Operating Environment: Outdoor or indoor use
Operating Temperature: -22°F to +158°F -30°C to +70°C

Visual / Audible Indicators: Three LED's and a beeper
Construction: Case stainless steel with 11 EPDM rubber keys (10 digits and bell key)

DK-16
Size: Single Gang
Finish: Satin stainless plate, white keys with black lettering on a black surface
Cable: 16 foot, 12 conductor, 22 gauge
Operating Environment: Indoor use. Outdoor weather resistant with weather cover. (See DK-11)
Visual / Audible Indicators: Three LED's and a beeper
Construction: Stainless steel backplate with 12 keys (10 digits and "*" and "#" keys.

CPU

Dimensions
Enclosure: 6" x 8" x 2-7/8" 152.5 x 203 x 73mm
CPU Board: 4" x 6" (approx.) 101.5 x 152.5mm
Current Draw:Rest, 7 mA @ 12V 20 mA @ 24V
Maximum:160mA@ 12V 190 mA @ 24V
Power Input: 12 to 24 volts AC or DC
Auxiliary Power: Provides rectified DC power for electric lock or AC input. 2 A maximum.
Relay: DPDT, 5 A maximum
Operating Temperature: +32°F to +158°F 0°C to +70°C

ORDERING INFORMATION

DK-26SS DK-26BK	Complete unit in satin stainless finish or black
DK-26SSXB DK-26BKXB	Expanded system with keypad in stainless or black finish
DK-26PSS DK-26PBK	Keypad only, satin stainless or black finish
DK-16	Complete unit with single gang keypad
DK-16XB	Expanded system with keypad only, single gang
DK-16P	Keypad only, single gang
DK-SSS DK-SBK	DK-26 Spy Shield in satin stainless or black finish

DK-11: SIMPLE YET POWERFUL

THE DK-11 is a **one piece unit** intended for lower security requirements. It is furnished on a single gang brushed stainless steel plate with retrofit backbox. The keypad provides **true 10 digit operation** and includes red and green signaling LED's. The unit runs on 12 or 24 VDC power and control output is via an integral **5 Amp SPDT relay** for operating fail safe and fail secure locks. All wiring is to a terminal strip found on the CPU board directly behind the plate. While primarily intended for **indoor operation**, an optional rain cover allows reliable use for exterior areas not exposed to direct rain. The pad itself is a U.S. made, high-volume unit with engraved, paint-filled keys.

POWER AND FLEXIBILITY

The DK-11 accepts a program code and **4 user codes from 2 to 7** digits so that different user groups can have their own code. Changing any user code is easily done by entering the program code (5 to 7 digits) first. **Lock release time** is also programmed from the keypad from 1-99 seconds. Selectable **toggle mode** energizes the relay when a valid code is entered and deenergizes it when a code is entered again. The DK-11 also has a **REX (request to exit)** input. This allows an external remote switch to trigger the unit just as if a code was entered. All codes are stored in **non-volatile memory** so that they are retained in a power failure. Finally, an **alarm function** locks out the keypad for 30 seconds after 16 wrong digits have been entered. The DK-11 delivers amazing capability in a compact, inexpensive package.

DK-11 CPU

The DK-11 and DK-16 keypads are provided with both flush mount and surface mounted back boxes.

DK-11 TECHNICAL DATA

Dimensions: Single Gang Size, 2-3/4" x 4-1/2"

Finish: Brushed stainless steel plate, white keys with black lettering on a black surface.

Power Input: 12 or 24 VDC

Current Draw: 70 mA at 12 or 24 VDC

Operating Environment: Indoor Use. Outdoor weather cover for weather resistance

Operating Temperature: +32°F to 158°F 0°C to 70°C;

Construction: Stainless Steel Backplate with keys, (10 digits and "*" and "#" keys).

Visual Indicators: Red and Green LED's

HOW TO ORDER

DK-11	DK-11 System
DK-11W	DK-11 with Weigand output
WCC	Weather cover for DK-11/16

ORDERING INFORMATION

Part Number	Description	Price
DK-26SS	Digital Keypad System Narrow Stile Stainless Steel	$320.00
DK-26BK	Digital Keypad System Narrow Stile Black	$320.00
DK-26PSS	Digital Keypad Narrow Stile Stainless Steel	$140.00
DK-26PBK	Digital Keypad Narrow Stile Black	$140.00
DK-CPSS	Cover Plate For DK-26 Keypad Mounting Satin Stainless 3x8	$30.00
DK-SBK	Spy Shield for DK-26 Black	$40.00
DK-SSS	Spy Shield for DK-26 Stainless	$40.00
DK-16	Digital Keypad System Single Gang	$300.00
DK-16P	Digital Keypad Single Gang	$120.00
DK-16XB	DK-16 With Expansion Circuit Board Single Gang	$460.00
DK-26SSXB	DK-26 W/ Expansion Circuit Board Stainless Steel	$480.00
DK-26BKXB	DK-26 With Expansion Circuit Board Satin Black	$480.00
DK-XB	DK-16/26 Expansion Circuit Board Upgrade Kit	$180.00
DK-11	Digital Keypad System	$140.00
WCC	Weather Cover Clear Single Gang	$40.00
DK-11W	Digital Keypad System Wiegand Output	$180.00
DK-16W	Digital Keypad System Single Gang Wiegand Output	$300.00
DK-26WSS	Digital Keypad System Narrow Stile Wiegand Output	$300.00
DK-26WBK	Digital Keypad System Narrow Stile Black Wiegand Output	$300.00
DK-WRI	Digital Keypad Wiegand Output Circuit Board Only	$180.00

MAGNACARE™ LIFETIME REPLACEMENT WARRANTY

ISO 9001 World Quality Standard A5066

The DK-26SS shown with Model 62 MAGNALOCK® and the TSB-3CL Touch Sense Bar.